



AGENTS OF BIOTERRORISM: PREPAREDNESS TRAINING FOR SENTINEL LABORATORIES

2008 SCHEDULE

- February 13th
- April 30th
- June 11th
- October 22nd
- November 19th

Program Site:
State Laboratory Institute
305 South St.
Boston, MA 02130-3597

Sponsored by:
State Laboratory Institute
Massachusetts Dept. of
Public Health

Program Description

This one-day, advanced level program is designed for the microbiologist with at least 5 years of clinical experience. It will provide an overview of the clinical laboratory's role in the presumptive identification of primary agents of bioterrorism including: anthrax, plague, tularemia, brucellosis, glanders and melioidosis. Laboratory demonstrations outline the microbiology of these agents so that participants can recognize the culture, staining and biochemical characteristics. The safety implications of handling suspected organisms in clinical isolates and suspected toxins will be emphasized.

Program Objectives

At the completion of this program participants should be able to:

- Discuss the role of the clinical laboratorian in the presumptive identification of organisms targeted for use in bioterrorism.
- Explain the safety implications of handling suspected pathogenic organisms in clinical specimens and isolates.
- Describe culture, staining, and biochemical characteristics of critical agents
- Outline the process for contacting and transporting suspected organisms to the State Laboratory Institute, Massachusetts Department of Public Health.

Special Needs

In compliance with the Americans with Disabilities Act, individuals needing special accommodations should notify the NLTN office at least two weeks prior to the workshop. Call 1-800-536-6586 or 617-983-6285.

Registration Information

There is no charge for this program. To register, please complete and fax the attached registration form. An electronic confirmation with detailed directions and parking information will be sent.

For additional program or registration information please call: Garry R. Greer, State Laboratory Training & Distance Learning Coordinator at 617-983-6608.

Program Agenda

- 8:30 Registration / Informal Discussions
- 9:00 Introduction to Bioterrorism
- 9:15 Bioterrorism Response Laboratory
- 10:00 The Laboratory Response Network (LRN)
- 10:15 Biosafety in the Sentinel Laboratory
- 10:45 Break
- 11:00 Agents of Bioterrorism
 - Bacillus anthracis* (Anthrax)
 - Brucella species* (Brucellosis)
 - Francisella tularensis* (Tularemia)
 - Yersinia pestis* (Plague)
 - Variola major* (Smallpox)
- 11:45 Group Lunch
- 12:15 Agents of Bioterrorism (Cont'd)
 - Burkholderia mallei* (Glanders)
 - Burkholderia pseudomallei* (Melioidosis)
 - Ricinus communis* (Ricin toxin)
 - Clostridium botulinum* (Botulism toxin)
- 1:45 Laboratory Wet Workshop
- 3:00 Summary and Evaluation
- 3:30 Adjourn

Faculty

Lori Cavaleri, CVT
LRN Laboratory Coordinator
Bioterrorism Response Laboratory
State Laboratory Institute, MDPH

Tara Doran
FERN Coordinator
Bioterrorism Response Laboratory
State Laboratory Institute, MDPH

Cheryl Gauthier, BS, MA, MT(ASCP, NCA)
Director, Bioterrorism Response Laboratory
State Laboratory Institute, MDPH

Tanya Rivera, CLS(NCA)
Supervisor, Bioterrorism Response Laboratory
State Laboratory Institute, MDPH

Continuing Education Credit

This continuing medical laboratory education activity is recognized by the American Society for Clinical Pathology as meeting the criteria for 6.25 hours of CMLE credit. ASCP CLME credit hours are acceptable to meet the continuing education requirement for the ASCP Board of Registry Certification Maintenance Program.

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Registration

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Please Note: Attendees must submit N95 fit-tested documentation and bring the N95 mask that they have been fit tested on to the class. Disposable lab coats and gloves will be provided. **Appropriate attire is mandatory; no open toed or healed shoes or shirts/dresses.**

Registration Form

Agents of Bioterrorism: Preparedness Training for Sentinel Laboratories

Name: _____

Facility: _____

Address: _____

Email (required): _____

Tel: _____

Please check one: I will attend on:

☐ Wednesday, February 13, 2008

☐ Wednesday,, April 30, 2008

☐ Wednesday, June 11, 2008

☐ Wednesday,, October 22, 2008

☐ Wednesday, November 19, 2008

Complete this form, photocopy and fax or mail registration to: **Garry R. Greer, State Training Coordinator**
State Laboratory Institute, 305 South Street, Boston, MA 02130
Phone: 617-983-6887 / Fax: 617-983-6887